

Datasheet for ABIN7457163 **anti-MHC Class II antibody (PE)**

[Go to Product page](#)

Overview

Quantity:	25 µg
Target:	MHC Class II (MHC2)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This MHC Class II antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Clone:	M1-42
Isotype:	IgG2a, kappa

Target Details

Target:	MHC Class II (MHC2)
Alternative Name:	H-2 (MHC2 Products)
Background:	Mouse major histocompatibility complex (MHC) H-2, MHC I, The M1/42 antibody reacts with the H-2 MHC class I alloantigens expressed on nucleated cells from mice of the a, b, d, j, k, s, and u haplotypes (Stallcup, KC et al, 1981). MHC class I is involved in antigen presentation to T cells expressing CD3/TCR and CD8 proteins.
Gene ID:	111364

Application Details

Application Notes:	Check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10 ⁶ cells in 100 µL volume].
--------------------	--

Comment:	Matching Isotype Control: PE Rat IgG2a, κ Isotype Control (ABIN7469840)
----------	---

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Concentration:	0.2 mg/mL
----------------	-----------

Buffer:	PBS with 0.05 % Proclin300, 1 % BSA
---------	-------------------------------------

Preservative:	ProClin
---------------	---------

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
--------------------	---

Storage:	4 °C
----------	------

Storage Comment:	Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.
------------------	---